

Technical Data Sheet

TECHNIPOL® 171

DESCRIPTION

TECHNIPOL® 171 is a thermoplastic adhesive co-polyester based of white colour .This grade is mainly used as raw material for the extrusion of the rod cement used by the automatic lasting machines in the footwear industry.

Thanks to its quick setting time, its good flexibility, its excellent wettability and its high adhesion to leather and to both synthetic and regenerated materials, TECHNIPOL® 171 is the ideal adhesive for the shoe manufacturing.

Due to the wide variety of materials used in the today's footwear construction, it is recommended to run some preliminary trials in order to homologate the TECHNIPOL® 171.

In the manufacturing process of TECHNIPOL® 171 no organo-tin compounds have been used. The declaration concerning the total absence of tin compounds is available upon request.

TECHNICAL CHARACTERISTICS

| PROPERTY | TEST METHOD | M.U. | VALUE |
|----------------------|-----------------------------|-------------------|-------|
| Density | ISO 1183 | g/cm ³ | 1,25 |
| Melting temperature | ISO 11357-3 | °C | 170 |
| MFI | 210°C - 0,325Kg ISO 1133 | g/10 min | 40 |
| Viscosity Brookfield | 210°C MI 12 | Pa*s | 36 |

Cone/ plate Viscometer, Model Brookfield CAP 2000+.

PACKAGING

25 kg bags equipped with an aluminum film barrier against moisture action.

500 kg cardboard octabins equipped with an inner PE liner.

500 Kg and 1000 Kg big bags.

STORAGE

Product is stable for 12 months when stored unopened in its original packaging, kept in a cool and dry place and protected from light. When stocked around 5 – 10°C or below, it is recommended to keep it at 15 – 20°C for at least for 24 hours before using it.